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To: Examiner Gary Au
Art Unit 2617
U.S. Patent & Trademark Office

From: Walter Malinowski

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Pages: 4 (Including Cover Sheet)

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Date: January 22, 2009

Re: Serial No.: 10/535,062
Our Ref: 886A.0010.U1(US)
{PSD/42183US1}

CC: SPE Vincent Harper

☒ **For Review**

☐ **Please Comment**

☒ **Please Reply**

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Dear Examiner Au:

According to my records, I sent you a request by email on January 22 2009 for a telephone interview concerning the above referenced patent application.

Could I have a telephone interview with you soon to discuss the attached proposed amendment to the claims? I would prefer a morning interview. There will be me and another person on our end during the interview.

Please find attached a preliminary proposed telephone interview agenda.

Sincerely,

Walter Malinowski

Walter Malinowski
Registration No. 43,423

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Telephone Interview Agenda
Serial No.: 10/535,062 Our Ref: 886A.0010.U1(US)

An outline of the points that we anticipate making in the interview are as follows:

The embodiments described in the specification allow a STB to be configured to receive messages addressed to it. Configuration comprises sending message detection data including an address and a corresponding key, all encrypted with a key specific to the STB, decrypting this at the STB using the unique key, storing the address and the corresponding key, and subsequently using the stored address (i.e. the address that was broadcast by the network) to identify messages addressed to the STB that are derived from a different network, these messages being decrypted by the key corresponding to the address and received over the broadcast network.

Nagaoka allows messages originating from a foreign network to be sent over a digital broadcast network and displayed as part of a TV programme.

Ching allows a playlist to be sent, addressed to an individual set top box. The set top box renders multimedia segments, broadcast over the network, into a complete program according to the instructions contained in the playlist.

The playlist in Ching is addressed to a set top box but the address in the playlist is not stored in the STB. There is no key associated with each address stored in the STB. The playlist is not encrypted, sent over the network then decrypted in the STB using a key unique to the STB. The broadcast content is not decrypted at the STB using a key sent over the network and stored in the STB.

The embodiments allow the STB to be configured with an address remotely, i.e. after sale, and without requiring access to a bidirectional network, so that messages sent to that address can be detected by the STB. In the prior art, conversely, no such remote configuration with an address is disclosed. The embodiments allow broadcast of an addressed message that is decipherable only by the STB that is configured to receive messages with that address. Ching discloses broadcasting a playlist over the network from a cable headend and assembling a program from multimedia segments (also broadcast over the network) inside the STB according to the instructions included in the playlist (col. 3, lines 50-51), but this clearly is quite different.

Telephone Interview Agenda

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None of the prior art of record discloses "sending to a digital broadcast receiver through a digital broadcast network message detection data ... comprising: a) at least one individual address corresponding to said digital broadcast receiver, ... storing said ... at least one individual address ... in said digital broadcast receiver [and] using the stored individual address to identify that [a] message sent through said digital broadcast network is addressed to said digital broadcast receiver". Furthermore, we contend that it would not be obvious to modify the prior art in such a way as to provide this combination of features.

Additionally none of the prior art of record discloses encrypting a broadcast message using a key that is specific to a digital broadcast receiver. Claim 1 requires "sending to a digital broadcast receiver through a digital broadcast network message detection data ... comprising: a) at least one individual address corresponding to said digital broadcast receiver, wherein said message detection data is encrypted using a key associated substantially uniquely with said digital broadcast receiver; decrypting said message detection data with said key associated substantially uniquely with said digital broadcast receiver at said digital broadcast; storing said decrypted message detection data, including the at least one individual address and the associated key, in said digital broadcast receiver so as to configure said digital broadcast receiver to detect messages individually addressed thereto and received through said digital broadcast network". By encrypting the message detection data with a key specific to the digital broadcast receiver, claim 1 allows the digital broadcast receiver to be configured to receive messages that are unable to be received by any other receivers.

Walter J. Malinowski

From: Walter J. Malinowski
Sent: Thursday, January 22, 2009 9:47 PM
To: 'gary.au@uspto.gov'
Cc: 'vincent.harper@uspto.gov'
Subject: Serial No. 10/535,062; Our Ref:886A.0010.U1(US); telephone interview request
Attachments: telephone_interview_agenda_January_22_2009_Ref_10_535062_886A_0010_U1_US.doc

CONFIDENTIAL/ PRIVILEGED COMMUNICATION

Recognizing that Internet communications are not secure, I hereby authorize the USPTO to communicate with me concerning the below noted matter of the below noted patent application by electronic mail. I understand that a copy of these communications will be made of record in the application file.

Dear Examiner Au:

I would like to schedule a telephone interview with you to discuss the office action dated October 28 2008.

Please find attached a tentative telephone interview agenda.

Regards,

Walter Malinowski
Registration No. 43423.